

**United States Department of Agriculture  
Agricultural Marketing Service, Science & Technology  
Pesticide Data Program**

SOP No.: PDP-QC-13AI		Page 1 of 6
Title: Commodity Specific Requirements for Bell Peppers		
Revision: Original	Replaces: N/A	Effective: 10/01/02

**1. Purpose:**

To provide a listing of PDP identified required compounds for bell peppers.

**2. Scope:**

This standard operating procedure shall be followed by all laboratories analyzing bell peppers for PDP. This SOP shall be used in conjunction with QC-13 which identifies commodity groupings for selected/single screens, validation purposes, and approved process controls.

**3. Outline of Procedure:**

- 5.1 Compounds Required for Bell Pepper Multi Residue Screens
- 5.2 Marker Pesticides for Bell Pepper Multi Residue Screens

**4. References:**

- PDP Program Plan July – December 2002
- USDA, AMS-EPA PDP Planning Meeting, January 30, 2002
- SOP PDP-QC-13, “Required Compounds, Commodity Groups, and Marker Pesticides”, revision 8, October 1, 2001
- Pesticide Chemical News Guide

**5. Specific Procedures:**

This standard operating procedure (SOP) represents minimum PDP requirements and is presented as a general guideline. Each laboratory shall have written procedures that provide specific details concerning how the procedure has been implemented in that laboratory.

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### 5.1 Compounds Required for Bell Pepper Multi Residue Screens

<b>Bell Pepper Compound</b>	<b>Reported As</b>	<b>PestCode</b>
3-Hydroxycarbofuran		512
Acephate		204
Azinphos methyl		042
Bifenthrin		930
Captan		011
Carbaryl		102
Carbofuran		180
Chlorpyrifos		160
Clomazone		719
Cyfluthrin		781
Cypermethrin		597
DCPA		134
DDE	DDE o,p'	911
	And/or DDE p,p'	910
	Or DDE (total combined)	300
Diazinon		024
Diazinon O-analog		395
Dichlorvos (DDVP)		338
Dicofol	Dicofol o,p'	253
	And/or Dicofol p,p'	254
	Or Dicofol (total combined)	047
Dieldrin		028
Dimethoate		171
Diphenamid		330
Disulfoton		117
Disulfoton sulfone		216
Endosulfan I		900
Endosulfan II		901
Endosulfan sulfate		902
Fenvalerate/Esfenvalerate	Fenvalerate	546
	And Esfenvalerate	714
	Or Fenvalerate (total combined)	546

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<b>Bell Pepper Compound</b>	<b>Reported As</b>	<b>PestCode</b>
Fludioxonil		B23
Fluridone		736
Fonofos		163
Heptachlor epoxide		143
Lindane		050
Malathion		052
Malathion O-analog		208
Metalaxyl		607
Methamidophos		170
Methomyl		159
Methoxychlor	Methoxychlor p,p'	275
	Or Methoxychlor (total combined)	055
Metolachlor		283
Mevinphos	Mevinphos E	579
	And Mevinphos Z	578
	Or Mevinphos (total combined)	069
Myclobutanil		679
Napropamide		594
Omethoate		178
o-Phenylphenol		083
Oxadixyl		A46
Oxamyl		537
Oxydemeton methyl sulfone		245
Parathion		065
Parathion O-analog		370
Permethrin	Permethrin cis	222
	And Permethrin trans	223
	Or Permethrin (total combined)	539
Pymetrozine		ABF
Quintozone (PCNB)		304
Tebufozide		ABG
Trifluralin		151
Vinclozolin		529

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**5.2 Marker Pesticides for Bell Pepper Multi Residue Screens**

Azinphos methyl  
Diazinon  
Methamidophos  
PCNB

Carbaryl  
Dimethoate  
Methomyl

DDE p,p'  
Endosulfan I  
Permethrin

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September 2002

Monitoring Programs Office

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- Established multi-residue screening requirements for bell peppers, with known problem compounds removed (pyriproxyfen)